1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND COMPANY UNDERTAKING

1.1 **PRODUCT IDENTIFIER**

Product name: High Yield Cyan Ink Cartridge for Canon PGI-1200XL (9232B001/9196B001)

Part number: CNMPGI1200XLCC

1.2 **IDENTIFIED USES AND USES ADVISED AGAINST**

For use in: Inkjet Printers

1.3 **SUPPLIER DETAILS**

Supplier: Clover Imaging Group
4200 Columbus Street
Ottawa, IL 61350
United States
Phone number: 815-431-8100
Fax: 815-461-8583

Contact Hours: 08:00AM-05:00PM CST

1.4 **EMERGENCY TELEPHONE NUMBERS**

Supplier: 815-431-8100

* This document provides safety-related information about ink/toner, in various forms, for use in copiers/printers etc.

2. HAZARDS IDENTIFICATION

2.1 **INFORMATION and CLASSIFICATION**

Overview: This product is a blue liquid with a mild odor.

2.2 **LABEL ELEMENTS**

Applicable Pictograms:



Danger Indications: Classification of the mixture: This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Risk Phrases: N/A

Safety Phrases: n/a

2.3 **OTHER HAZARDS**

PBT or vPvB: This mixture does not contain PBT/vPvB substance.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS number	Weight %	OSHA PEL	ACGIH TLV	Other
Water	7732-18-5	<60			EC No: 231-791-2
Glycerol	56-81-5	<30			EC No: 200-289-5
Diethylene glycol C4H10O3	111-46-6	.1-9			EC No: 200-061-5
Diethylene glycol monobutyl ether	112-34.5	<3			EC No: 203-961-6. Classification H319
Direct Blue 199	12222-04-7	<3			Classification H319

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest Directives.

This section provides composition information for the specified substance/mixture.

4. FIRST-AID MEASURES

4.1 **FIRST AID MEASURES**

4.1.1 **FIRST AID INSTRUCTIONS BY RELEVANT ROUTES OF EXPOSURE**

Inhalation:	None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.
Eye contact:	Do not rub eyes. Immediately flush eyes with large amounts of clean, warm water (low pressure) for at least 15 minutes. If the irritation persists, seek medical advice.
Skin contact:	None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.
Ingestion:	Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

4.1.2 **ADDITIONAL FIRST AID INFORMATION**

Additional first aid information:	In all cases of doubt, or when symptoms persist, seek medical attention.
Immediate Medical Attention Required:	N/A

4.2 **SYMPTOMS AND EFFECTS**

Acute Symptoms from Exposure:	The product is not classified as harmful to human health effect
Delayed Symptoms from Exposure:	The product is not classified as harmful to human health effect

4.3 **IMMEDIATE SPECIAL TREATMENT OR EQUIPMENT REQUIRED**

Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

5.1 **EXTINGUISHING MEDIA**

Recommended Extinguishing Media: Water spray, carbon dioxide, and dry powder.

Extinguishing Media Not to be Used: Not available.

5.2 **SPECIAL HAZARD**

Unusual Fire/Explosion Hazards: No specific fire or explosion hazard. In case of fire, the following can be released: carbon monoxide, carbon dioxide.

Extinguishing Media Not to be Used: Not available.

5.3 **ADVICE FOR FIRE FIGHTERS**

Avoid inhalation of smoke. Wear protective clothing and wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

6.1.1 **PRECAUTIONS FOR NON-EMERGENCY PERSONNEL**

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.1.2 **ADDITIONAL FIRST AID INFORMATION**

N/A

6.1.3 **PERSONAL PROTECTION**

Wear personal protective equipment as described in Section 8.

6.2 **ENVIRONMENTAL PRECAUTIONS**

Regulatory Information: Keep product out of sewers and watercourses.

6.3 **METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP**

Spill or Leak Cleanup Procedures: Contain with absorbent material and dispose. Avoid disposing into drainage/sewer system or directly into the aquatic environment.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Recommendations for Handling:	No special precautions when used as intended. Keep containers closed. If toner, avoid creating dust. Keep away from ignition sources.
Advice on General Hygiene:	Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

7.2 CONDITIONS FOR SAFE STORAGE

Avoid high temperatures, >100°F/32°C

7.3 SPECIFIC END USES

Printing devices

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release in order to maintain airborne concentrations of the product below OSHA PELs (See Section 3).
Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.2 EXPOSURE CONTROLS

Respiratory protection:

IMPROPER USE OF RESPIRATORS IS DANGEROUS. Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134 and 1910.137) and, if necessary, wear a NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given work conditions, levels of airborne contamination, and sufficient levels of oxygen.

Eye/Face Protection:

Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Hand/Skin Protection:

For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. WARNING! Air purifying respirators do not protect worker in oxygen deficient atmospheres.

Additional Protection:

N/A

Protective Clothing and Equipment:

Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear splash-proof chemical goggles and face shield when working with liquid, unless full face piece respiratory protection is worn.

Safety Stations:

Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:

Separate contaminated work clothes from street clothes. Launder before reuse. Remove material from your shoes and clean personal protective equipment. Never take home contaminated clothing.

Comments:

Never eat, drink or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the restroom, or applying cosmetics.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **DETAIL INFORMATION**

Physical state:	APPEARANCE: Blue liquid.
Color:	Cyan
Odor:	Mild odor.
Odor threshold:	N/A
Boiling point:	101.6 °C (ASTM D1120)
Melting point:	N/A
Flash point:	>95 °C (Close Cup; ASTM D3278)
Explosion limits:	N/A
Relative density:	1.08 at 20 °C /68 °F
Auto-ignition temperature:	N/A

9.2 **OTHER INFORMATION**

Solubility in water (g/l, 20°C): Complete. Explosive properties: No explosion hazard

10. CHEMICAL STABILITY AND REACTIVITY

10.1 **Reactivity:**

Reactivity Hazards:	None
Data on Mixture Substances:	None

10.2 **Chemical Stability:** The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

10.3 **Hazardous Polymerization:** Stable under conditions of normal use.

10.4 **Conditions to Avoid:** Keep away from heat, flame, sparks and other ignition sources.

10.5 **Incompatible Materials:** Strong oxidizing materials

10.6 **Hazardous Decomposition:** Will not occur.

11. INFORMATION ON TOXICOLOGICAL EFFECT

Mixtures: N/A
Acute Toxicity: Acute toxicity: Glycerol (CAS#56-81-5) LD50(Oral, Rat): 27200 mg/kg bw LD50(Dermal, Rabbit): Not available LC50(Inhalation, Rat): > 5850 mg/m³ 4 h
Skin Corrosion/Irritation: Not classified.
Serious Eye Damage: Not classified.
Inhalation: Not classified.
Sensitization: Not classified.
Mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive Toxicity: Not classified.
STOT - Single Exposure: Not classified.
STOT - Multiple Exposure: Not classified.
Ingestion: Not classified.
Hazard Class Information: N/A
Mixture on Market Data: N/A
Symptoms: N/A
Delayed/Immediate Effects: N/A
Test Data on Mixture: N/A
Not Meeting Classification: N/A
Routes of Exposure: N/A
Interactive Effects: N/A
Absence of Specific Data: N/A
Mixture vs Substance Data: N/A

12. ECOLOGICAL INFORMATION

12.1 **Eco toxicity:** Glycerol (CAS#56-81-5) Acute (short-term) toxicity: LC50(96h, Fish): 54000 mg/L LC50(48h, Crustacea): 1955 mg/L

12.2 **Degradability:** Not available.

12.3 **Bioaccumulation Potential:** Not available.

12.4 **Mobility in Soil:** Not available.

12.5 **PBT & vPvB Assessment:** The mixture does not contain PBT / vPvB substance.

12.6 **Other Adverse Effects:** Not available.

13. DISPOSAL CONSIDERATIONS

Disposal Information:
Dispose of product in accordance with local authority regulations.
Empty container retains product residue.

Physical/Chemical Properties that affect Treatment:
Symbol: This product is not classified as dangerous
Risk Phrases: This product is not classified according to the federal, state and local environmental regulations.

Waste Treatment Information:
If toner, do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.

Personal Protection Required:
N/A

14. TRANSPORT INFORMATION

14.1 **ID Number:** Not Regulated

14.2 **Shipping Name:** Not Regulated

14.3 **Hazard Class:** N/A

14.4 **Packing Group:** Not Regulated

14.5 **Environmental Hazards:** No

14.6 **User Precautions:** N/A

14.7 **Bulk Transport:** Not Regulated

15. REGULATORY INFORMATION

15.1 **Regulatory Information:** N/A

EPA Regulatory Information: N/A

CERCLA Reportable Quantity: N/A

15.2 **Superfund Information:**

Hazard Categories:

Immediate: N/A

Delayed: N/A

Fire: N/A

Pressure: N/A

Reactivity: N/A

Section 302 - Extremely Hazardous: N/A

Section 311 - Hazardous: N/A

15.3 **State Regulations:** N/A

15.4 **Other Regulatory Information:** N/A

16. OTHER INFORMATION

General Comments: This information is based on our current knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application

Creation Date of this SDS: 09/19/2025

Key to Abbreviations and Acronyms used in this sheet:

ACGIH = American Conference of Governmental Industrial Hygienists	NIOSH = National Institute for Occupational Safety and Health
CERCLA = Comprehensive Environmental Response Compensation and Liability Act	OSHA = Occupational Health and Safety Administration
CLP = Classification, Labeling, and Packaging	PEL = Permissible Exposure Limit
DSD = Dangerous Substances Directive	SCBA = Self Contained Breathing Apparatus
EPA = Environmental Protection Agency	STOT = Specific Target Organ Toxicity
GHS = Globally Harmonized System	TLV = Threshold Limit Value
N/A = Not Applicable	UK = United Kingdom
NFPA = National Fire Protection Association	UN = United Nations

Ref:

DISCLAIMER
All trademarks and models referenced are property of their respective holders and are used for identification purposes only.
These products are not sponsored by, affiliated with, manufactured by or distributed by the named manufacturers.
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.